Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at http://about.jstor.org/participate-jstor/individuals/early-journal-content.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

MYCOLOGIA

VOLUME V, 1913

PUBLISHED BY THE AID OF THE

DAVID LYDIG FUND

BEQUEATHED BY CHARLES P. DALY

MYCOLOGIA

IN CONTINUATION OF THE JOURNAL OF MYCOLOGY

Founded by W. A. Kellerman, J. B. Ellis, and B. M. Everhart in 1885

EDITOR

WILLIAM ALPHONSO MURRILL

Volume V, 1913

WITH 33 PLATES AND 1 FIGURE

ASSOCIATE EDITORS

JOSEPH C. ARTHUR
HOWARD J. BANKER
GIACOMO BRESADOLA
FREDERIC E. CLEMENTS
JOHN DEARNESS
FRANKLIN S. EARLE
BRUCE FINK
ROBERT A. HARPER
THOMAS H. MACBRIDE
PAUL MAGNUS
GEORGE MASSEE
NARCISSE PATOUILLARD
LARS ROMELL
FRED J. SEAVER
CORNELIUS L. SHEAR

PUBLISHED BIMONTHLY FOR
THE NEW YORK BOTANICAL GARDEN
By THE NEW ERA PRINTING COMPANY
LANCASTER, PA.

PRESS OF
THE NEW ERA PRINTING COMPANY
LANCASTER, PA.

TABLE OF CONTENTS

No. 1. JANUARY — PAGE

Illustrations of Fungi—XIII, by WILLIAM A. MURRILL 1
The Genus Keithia, by ELIAS J. DURAND 6
Type Studies in the Hydnaceae—III. The Genus Sarcodon, by HOWARD J. BANKER 12
The Agaricaceae of Tropical North America—VI, by WILLIAM A. MURRILL. 18
News and Notes 37
Index to American Mycological Literature 41

No. 2. MARCH

Studies in North American Hyphomycetes—II, by DAVID ROSS SUMSTINE. 45
Type Studies in the Hydnaceae—IV. The Genus Phellodon, by HOWARD J. BANKER 62
New Species of Fungi, by CHAS. H. PECK 67
The Amanitas of Eastern North America, by WILLIAM A. MURRILL 72
News and Notes 87
Index to American Mycological Literature 91

No. 3. MAY

Illustrations of Fungi—XIV, by WILLIAM A. MURRILL 93
The Nature and Classification of Lichens—II. The Lichen and Its Algal Host, by BRUCE FINK 97
The Probable Identity of Stropharia epimyces (Peck) Atk. with Pilosace algeriensis Fries, by EDWARD T. HARPER 167
News, Notes, and Reviews 170
Index to American Mycological Literature 182

No. 4. JULY

Some Tropical Cup-Fungi, by FRED J. SEAVER 185
Type Studies in the Hydnaceae—V. The Genus Hydnellum, by HOWARD J. BANKER 194
The Agaricaceae of the Pacific Coast—IV. New Species of Clitocybe and Melanoleuca, by WILLIAM A. MURRILL 206
Toxicological Studies on the Mushrooms Clitocybe illudens and Inocybe infida, by ERNEST D. CLARK and CLAYTON S. SMITH 224
Further Cultures of Heteroecious Rusts, by W. P. FRASER 233
Uredinales on Carex in North America, by J. C. ARTHUR 240
Notes on New Species of Fungi from Various Localities, by CHARLES E. FAIRMAN 245
News and Notes 249
Index to American Mycological Literature 251

No. 5. SEPTEMBER

PAGE

Illustrations of Fungi—XV, by WILLIAM A. MURRILL..... 257
The Identity of Cantharellus brevipes and Cantharellus clavatus, by EDWARD T. HARPER..... 261
The Structure of Simblum sphaerocephalum, by HENRY S. CONARD..... 264
A Method of Determining in Analytic Work Whether Colonies of the Chestnut Blight Fungus Originate from Pycnospores or Ascospores, by F. D. HEALD..... 274
News and Notes..... 278
Index to American Mycological Literature..... 284

No. 6. NOVEMBER

Illustrations of Fungi—XVI, by WILLIAM A. MURRILL..... 287
Type Studies in the Hydnaceae—VI. The Genera Creolophus, Echinodontium, Gloiodon, and Hydnodon, by HOWARD J. BANKER..... 293
The Genus Pseudoplectania, by F. J. SEAVER..... 299
Internal Aecia, by FREDERICK A. WOLF..... 303
The Lactarieae of the Pacific Coast, by GERTRUDE S. BURLINGHAM..... 305
News and Notes..... 312
Index to American Mycological Literature..... 317
Index to Volume V..... 320